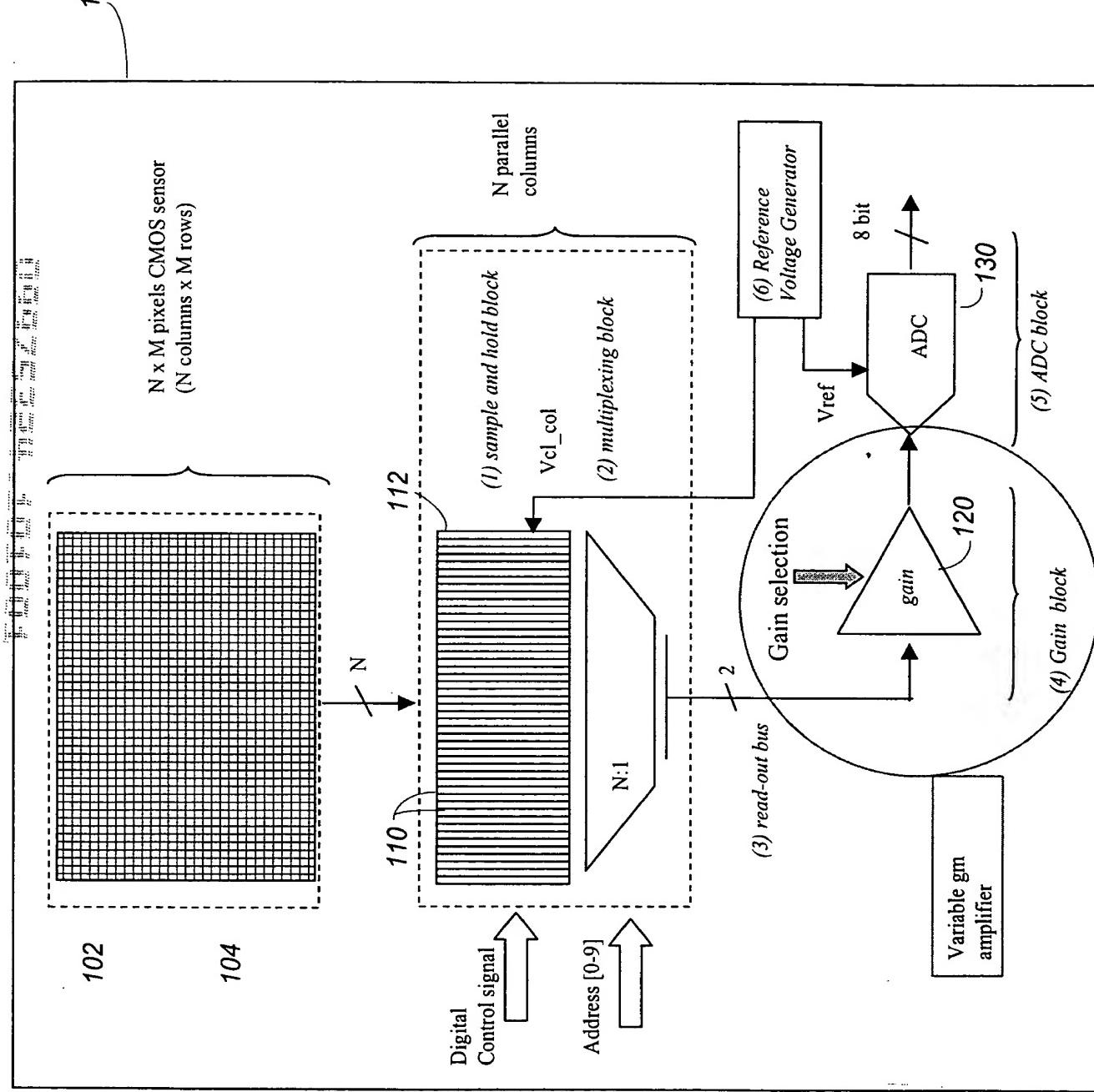


FIG. 1



# Fully Differential Amplifier with variable gain

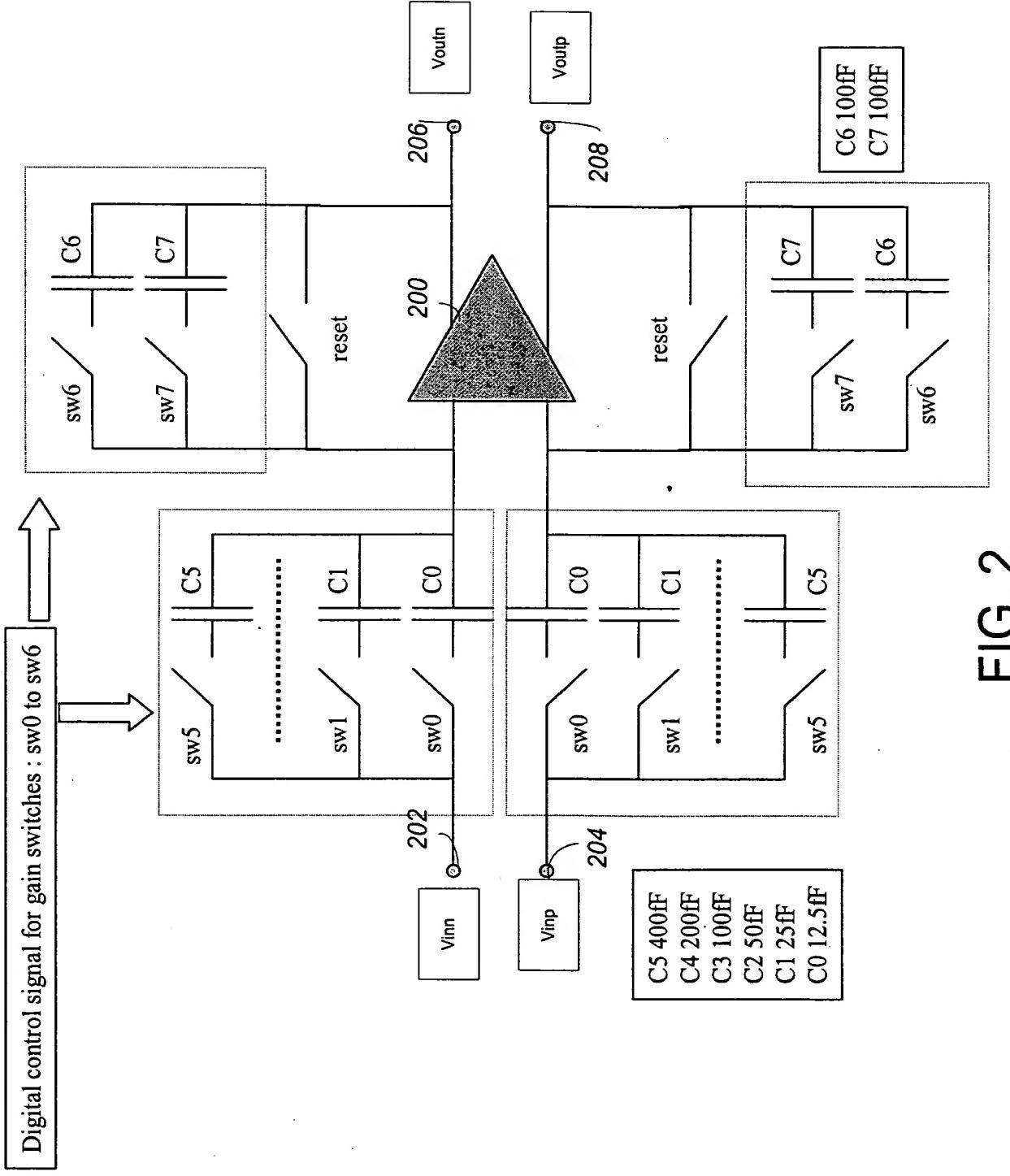


FIG. 2

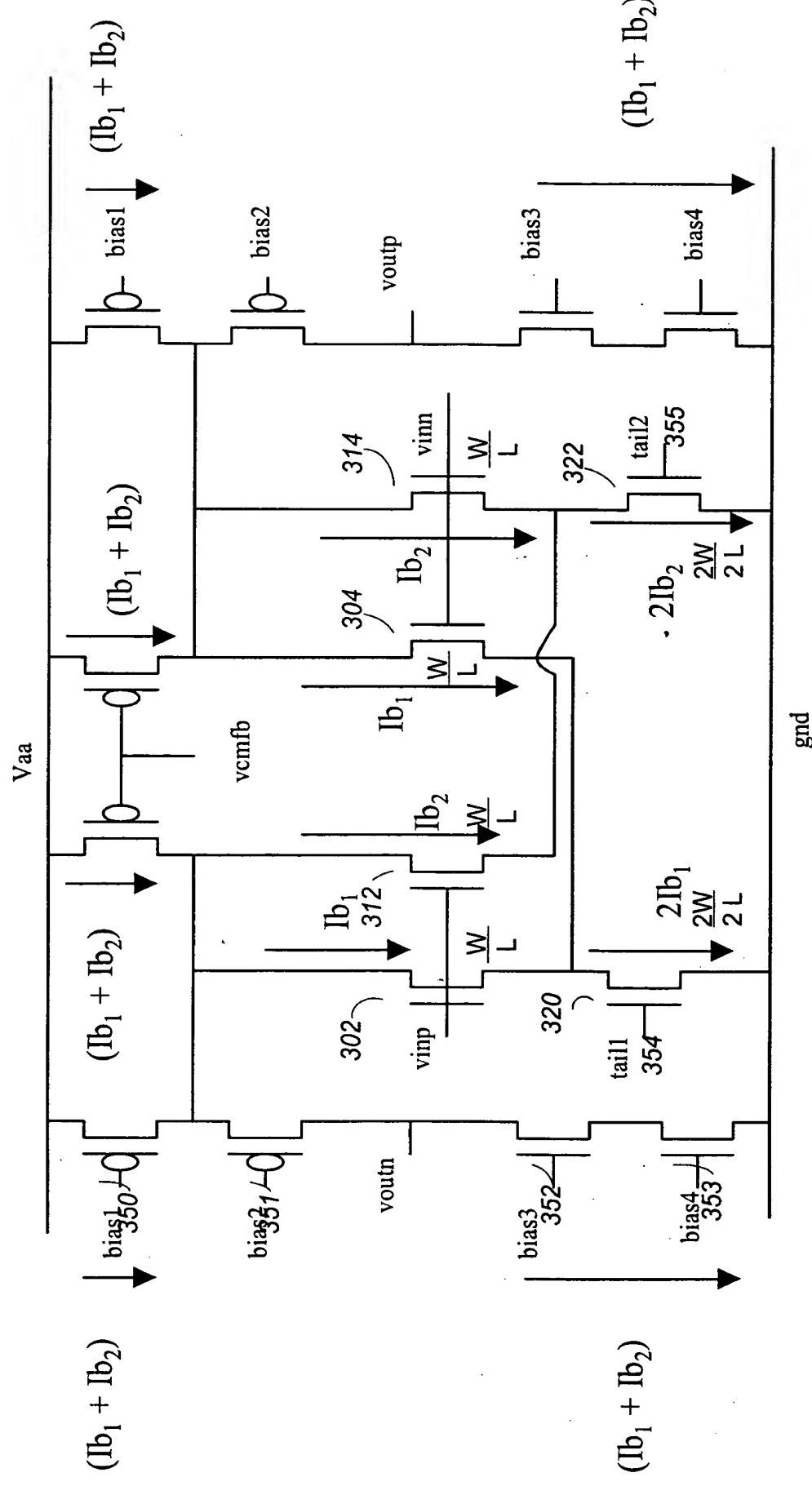


FIG. 3

**FIG. 4**

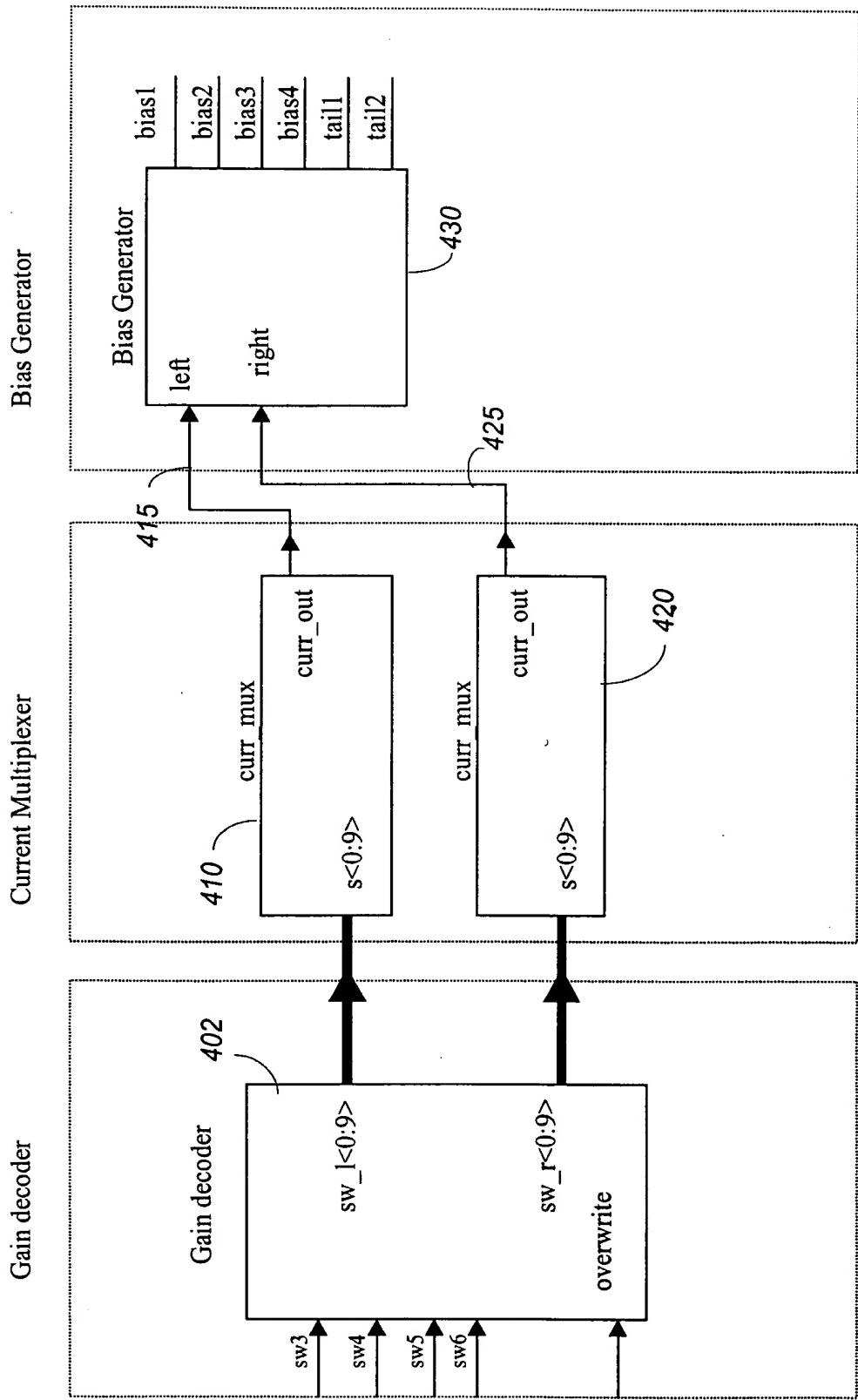
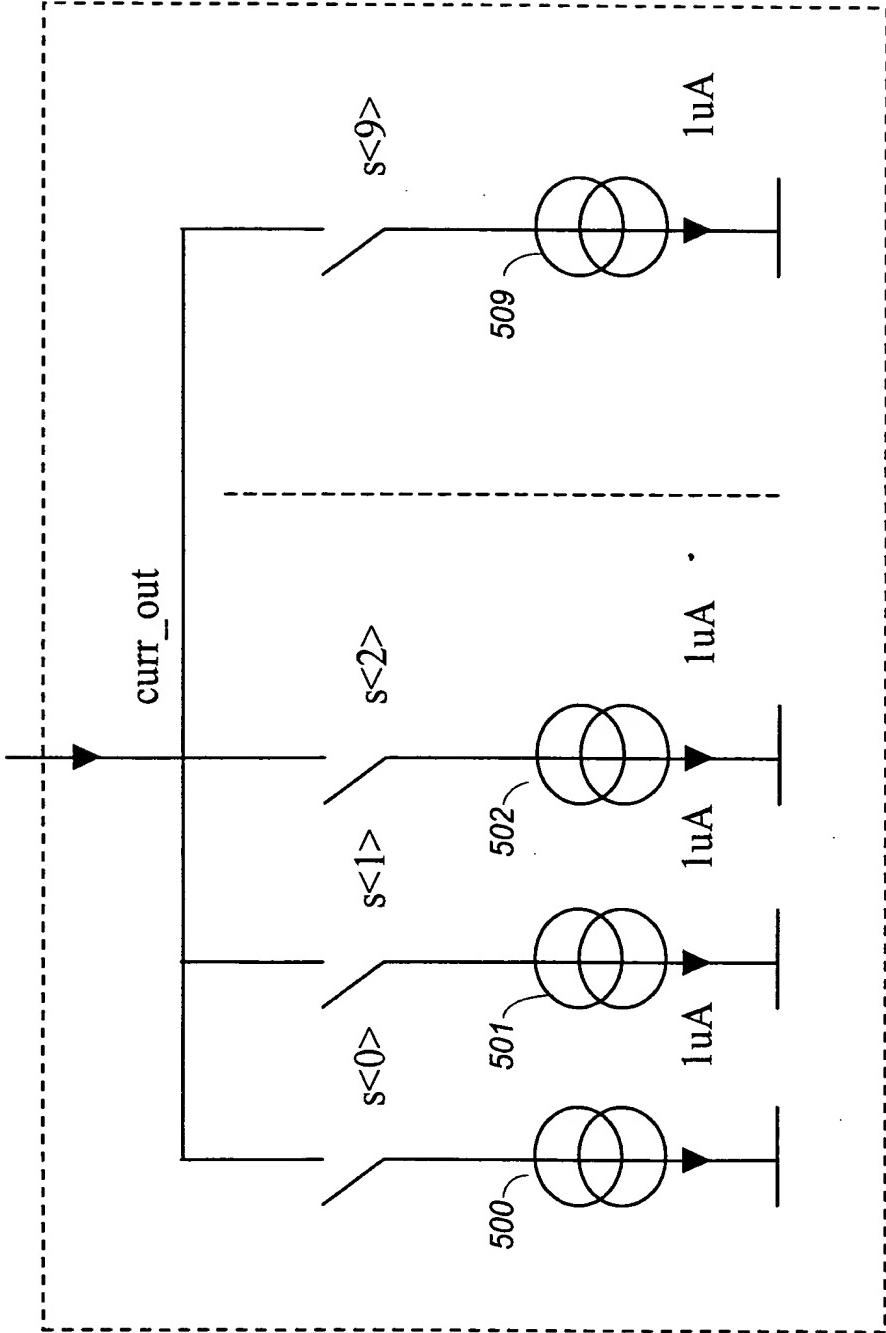


FIG. 5

Curr\_out= sum of selected currents



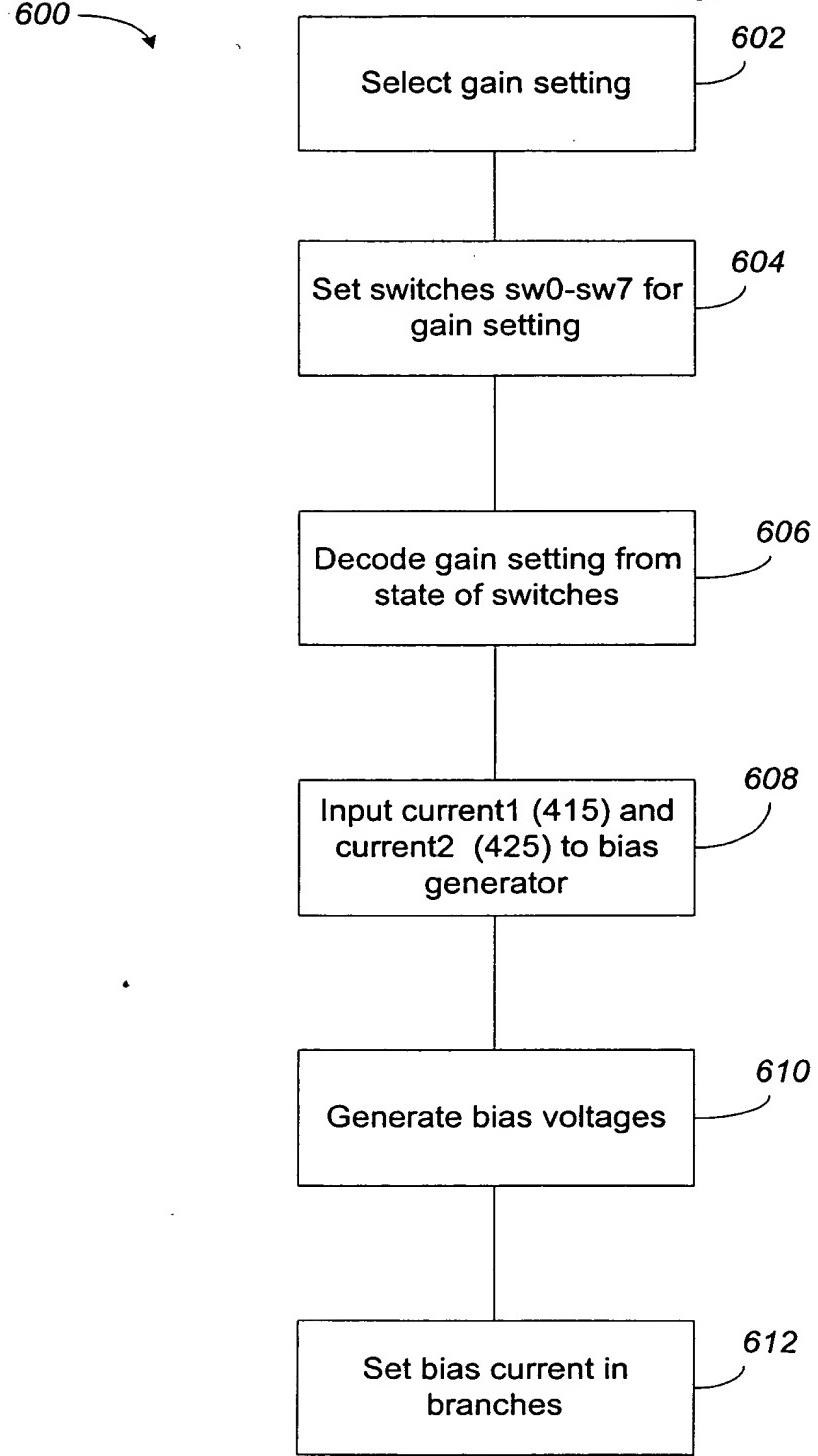


FIG. 6